

**WHAT IS CLAIMED:**

1. An electronic sphygmomanometer capable for timing measurement, comprising:
  - a bulk body;
  - 5 a key module installed on a surface of the bulk body, operative to input parameters including measuring time, measuring interval, measuring times, and abnormal blood pressure threshold value;
  - a display, mounted on the surface of the bulk body, operative to display information;
  - 10 a controller, embedded in the bulk body;
  - an electronic manometer embedded in the bulk body and electrically connected to the controller, the electronic manometer being controlled by the controller to activate blood pressure measurement, the manometer being operative to transmit a
  - 15 measured blood pressure value to the controller;
  - a memory embedded in the bulk body and electrically connected to the controller, the memory being operative to store the parameters input by the key module; and
  - a gas filling ring connected to the manometer via a tube, the
  - 20 gas filling ring being operative to apply a pressure on an arm or a wrist of a user to perform blood pressure measurement on the user.

2. The electronic sphygmomanometer according to Claim 1, wherein when it is time for measuring blood pressure of the user as input by the key module, the controller is operative to generate a control signal to the manometer, and to control the gas filling ring to fill gas therein, and when the measured blood pressure value transmitted from the manometer is higher than the threshold value, the display is operative to display a warning message.

3. The electronic sphygmomanometer according to Claim 1, further comprising a warning device mounted inside or on the surface of the bulk body, the warning device is controlled by the controller to generate an audio and/or visual warning effect when the measured blood pressure value exceeds the threshold value.

4. The electronic sphygmomanometer according to Claim 2, wherein the warning device includes a light emitting device operative to generate a warning light.

5. The electronic sphygmomanometer according to Claim 3, wherein the light emitting device includes a light emitting diode or a light bulb.

6. The electronic sphygmomanometer according to Claim 2, wherein the warning device includes a audio generator operative to generate a sound.

7. The electronic sphygmomanometer according to Claim 6, wherein the audio generator includes a speaker or a horn.

8. The electronic sphygmomanometer according to Claim 1, wherein the display includes a liquid crystal display or a light emitting diode display operative to display digits and/or texts.